



Report No: SCEPL/MT/Jul/29/01/2020-21

Date:29.07.2020

TEST REPORT

*Client Name& Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work:: Improvements to Raods and Drains at Kogilu layout in ward no-05
(Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BRMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/Jul/29/01/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 29.07.2020

Date of Test: 29.07.2020 to 31.07.2020

Sample Type/Size: 40 mm down size aggregate

Reference to BIS codes: IS: 383 - 1970 Reaffirmed 2011 (Specification for Coarse and fine
Aggregates from natural sources for concrete
IS 2386 Part-1-1963.Reaffirmed-2002

1. Sieve analysis

Total weight taken: 15000 grams

Sample No.	Sieve Size mm	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:1970 (RA-2011)
1	80	0	0	0	100	100
2	40	405	405	2.7	97.3	90-100
3	20	5123	5528	36.85	63.15	30-70
4	10	4970	10498	69.99	30.01	10-35
5	4.75	3885	14383	95.89	4.11	0-5
6	Pan	617	15000	100.00	0.00	

Sl.no	Tests		Result
1	Specific Gravity		2.75
2	Water Absorption (%)		0.84
3	Bulk density	Loose (Kg/Liters)	1.70
		Compacted ((Kg/Liters)	1.80
4	Shape test	Flakiness Index (%)	17.80
		Elongation Index (%)	15.20

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid.

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Samples will be disposed after 90 days from the date of issue of test certificate

*** End of the report***



[Signature]
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Report No: SCEPL/MT/Aug/10/01/2020-21

Date:10.08.2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05
(Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID SCEPL/MT/Aug/10/01/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 10.08.2020

Date of Test: 10.08.2020 to 12.08.2020

Sample Type/Size: 40 mm down size aggregate

Reference to BIS codes: IS: 383 - 1970 Reaffirmed 2011(Specification for Coarse and fine
Aggregates from natural sources for concrete
IS 2386 Part-1-1963.Reaffirmed-2002

1. Sieve analysis**Total weight taken:** 15000 grams

Sample No.	Sieve Size mm	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:1970 (RA-2011)
1	80	0	0	0	100	100
2	40	543	543	3.62	96.38	90-100
3	20	5120	5663	37.75	62.25	30-70
4	10	4840	10503	70.02	29.98	10-35
5	4.75	3885	14388	95.92	4.08	0-5
6	Pan	612	15000	100.00	0.00	

Sl.no	Tests		Result
1	Specific Gravity		2.71
2	Water Absorption (%)		0.54
3	Bulk density	Loose (Kg/Liters)	1.72
		Compacted ((Kg/Liters)	1.85
4	Shape test	Flakiness Index (%)	22.80
		Elongation Index (%)	17.20

Remarks:-

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SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(Mechanical Testing Laboratory Division)

ISO 9001:2015

Report No: SCEPL/MT/Sep/10/01/2020-21

Date: 10.09.2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05
(Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID SCEPL/MT/Sep/10/01/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 10.09.2020

Date of Test: 10.09.2020 to 12.09.2020

Sample Type/Size: 40 mm down size aggregate

Reference to BIS codes: IS: 383 - 1970 Reaffirmed 2011 (Specification for Coarse and fine Aggregates from natural sources for concrete
IS 2386 Part-1-1963.Reaffirmed-2002

1. Sieve analysis

Total weight taken: 15000 grams

Sample No.	Sieve Size mm	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:1970 (RA-2011)
1	80	0	0	0	100	100
2	40	500	500	3.33333333	96.66667	90-100
3	20	5120	5620	37.47	62.53	30-70
4	10	4856	10476	69.84	30.16	10-35
5	4.75	3890	14366	95.77	4.23	0-5
6	Pan	634	15000	100.00	0.00	

Sl.no	Tests	Result
1	Specific Gravity	2.69
2	Water Absorption (%)	0.75
3	Bulk density	Loose (Kg/Liters) 1.65 Compacted ((Kg/Liters) 1.80
4	Shape test	Flakiness Index (%) 25.80 Elongation Index (%) 18.20

Remarks:-

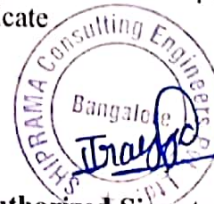
The results pertain to the samples received and tested.

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*** End of the report***



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Report No: SCEPL/MT/Jul/29/01/2020-21

TEST REPORT***Client & Address:**Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike***Name of Work:**Improvements to Raods and Drains at Kogilu layout in ward no-05
(Jakkur) Byatarayanapura sub Division*** Letter Reference**

NO: BBMP/EE/BTP/WO/57/2020-21

CRF No/SCEPL ID:

SCEPL/MT/29/Jul/01/2020-21

Source of Sample:

Samples supplied by the Customer

Date of Receipt:

29.07.2020

Period of Test

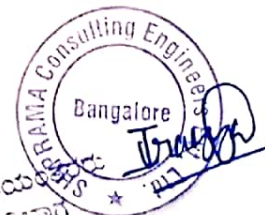
29.07.2020 to 31.07.2020

Sample Type & Size:

M Sand

Reference to BIS codes:IS: 383 - 1970 Reaffirmed 2011 (Specification for Coarse and fine
Aggregates from natural sources for concrete
IS 2386 Part 1-1963, IS 2386 Part 3-1963.**I. Sieve analysis****Total weight taken: 500 grams**

SL. No	Sieve size mm	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:1970			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10.00	0	0	0	100	100	100	100	100
2	4.75	24.5	24.5	4.9	95.10	90-100	90-100	90-100	95-100
3	2.36	59.5	84	16.8	83.20	60-95	75-100	85-100	95-100
4	1.18	103.2	187.2	37.44	62.56	30-70	55-90	75-100	90-100
5	0.6	65.5	252.7	50.54	49.46	15-34	35-59	60-79	80-100
6	0.3	103.2	355.9	71.18	28.82	5-20	8-30	12-40	15-50
7	0.15	95.5	451.4	90.28	9.72	0-20	0-20	0-20	0-20



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(Mechanical Testing Laboratory Division)

ISO 9001:2015

Report No: SCEPL/MT/Jul/29/02/2020-21

Date:29.07.2020

Sl.No	Name of Test		Test Result
1	Specific Gravity		2.64
2	Water Absorption (%)		1.46
3	Bulk density	Loose (Kg/Liters)	1.58
		Compacted (Kg/Liters)	1.75
4	Material Finer Than 75 Micron (%)		3.86

Remarks:-

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Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***



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Report No: SCEPL/MT/Aug/10/01/2020-21

Date:10.08.2020

TEST REPORT

***Client & Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05
(Jakkur) Byatarayanapura sub Division

*** Letter Reference** NO: BBMP/EE/BTP/WO/57/2020-21

CRF No/SCEPL ID: SCEPL/MT/10/Aug/01/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 10.08.2020

Period of Test 10.08.2020 to 12.08.2020

Sample Type & Size: M Sand

Reference to BIS codes: IS: 383 - 1970 Reaffirmed 2011(Specification for Coarse and fine
Aggregates from natural sources for concrete
IS 2386 Part 1-1963, IS 2386 Part 3-1963.

1. Sieve analysis

Total weight taken: 500 grams

SL. No	Sieve size mm	Weight Retained (gms)	Cumulative Weight Retained	% Cumulative Weight	% Passing	Requirement as per IS 383:1970			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10.00	0	0	0	100	100	100	100	100
2	4.75	28.5	28.5	5.7	94.30	90-100	90-100	90-100	95-100
3	2.36	68.5	97	19.4	80.60	60-95	75-100	85-100	95-100
4	1.18	115.2	212.2	42.44	57.56	30-70	55-90	75-100	90-100
5	0.6	74.5	286.7	57.34	42.66	15-34	35-59	60-79	80-100
6	0.3	103.2	389.9	77.98	22.02	5-20	8-30	12-40	15-50
7	0.15	90.5	480.4	96.08	3.92	0-20	0-20	0-20	0-20

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Date:10.08.2020

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Report No: SCEPL/MT/Sep/10/01/2020-21

Date:10.08.2020

TEST REPORT

*Client & Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05
(Jakkur) Byatarayanapura sub Division

* Letter Reference NO: BBMP/EE/BTP/WO/57/2020-21

CRF No/SCEPL ID: SCEPL/MT/10/Aug/01/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 15.03.2020

Period of Test: 16.03.2020 to 18.03.2020

Sample Type & Size: M Sand

Reference to BIS codes: IS: 383 - 1970 Reaffirmed 2011(Specification for Coarse and fine
Aggregates from natural sources for concrete
IS 2386 Part 1-1963, IS 2386 Part 3-1963.

1. Sieve analysisTotal weight taken: **500** grams

SL. No	Sieve size mm	Weight Retained (gms)	Cumulative Weight Retained	% Cumulative Weight	% Passing	Requirement as per IS 383:1970			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10.00	0	0	0	100	100	100	100	100
2	4.75	36.5	36.5	7.3	92.70	90-100	90-100	90-100	95-100
3	2.36	68.5	105	21	79.00	60-95	75-100	85-100	95-100
4	1.18	103.2	208.2	41.64	58.36	30-70	55-90	75-100	90-100
5	0.6	69.5	277.7	55.54	44.46	15-34	35-59	60-79	80-100
6	0.3	121.2	398.9	79.78	20.22	5-20	8-30	12-40	15-50
7	0.15	76.5	475.4	95.08	4.92	0-20	0-20	0-20	0-20

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20.08.2020
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ಮಾಡಿದ ಸಾಧನವು ಸರಿಯಾಗಿದೆ
ಪರೀಕ್ಷಾ ಸಂಖ್ಯೆ-24





SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(Mechanical Testing Laboratory Division)

ISO 9001:2015

Report No: SCEPL/MT/Sep/10/02/2020-21

Date: 10.08.2020

Sl.No	Name of Test	Test Result
1	Specific Gravity	2.60
2	Water Absorption (%)	2.89
3	Bulk density	Loose (Kg/Liters) 1.50
		Compacted (Kg/Liters) 1.75
4	Material Finer Than 75 Micron (%)	8.46

Remarks:-

The results pertain to the samples received and tested.

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Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***



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 2020/8/10
 ಬೆಂಗಳೂರು-24

Report No: SCEPL/MT/Aug/01/01/2020-21

Date:01.08.2020

TEST REPORT

***Client & Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05
(Jakkur) Byatarayanapura sub Division

*** Letter Reference** NO: BBMP/EE/BTP/WO/57/2020-21

CRF No/SCEPL ID: SCEPL/MT/2020/Aug/01/01

Source of Sample: Samples supplied by the Customer

Date of Receipt: 01.08.2020

Period of Test 01.08.2020 to 04.08.2020

Brand Name & Grade of Steel Fe-500 TMT

Sample Type & size : Reinforcement steel -8mm,10mm,12mm,16mm,

Reference to BIS codes: IS-1786-2008,(RA-2013) & IS:1608-2005(Ra-2017),IS:1599-2012 (RA-2017)

1.Steel Bars

Dia in (mm)	8	10	12	16	Limits as per IS:1786-2008 Gr. Fe 500	
Make	shirdi	shirdi	BMM	BMM		
Weight /unit length (kg/m)	0.380	0.602	0.879	1.555	8mm-0.375Min 10mm-	12mm-0.844Min 16mm-1.501Min
yield Stress (N/mm ²)	502.6	525.66	536.6	558.88	500 Min	
Tensile Strength (N/mm ²)	548.2	580.56	595.15	656.31	10% More than actual 0.2% proof stress but not less than 545 N/mm ²	
Ts/Ys Ratio (N/mm ²)	1.09	1.104	1.1	1.17	≥1.08 but Ts not less than 545 N/mm ²	
% Elongation (on 5.65 √ AG.L	15.50	17.00	18.67	20.00	12.0 Min	
Bend Test	Pass	Pass	Pass	Pass	Visual Observation	
Rebend Test	Pass	Pass	Pass	Pass	Visual Observation	

Remarks:-

The result reported is average of three tested sample.
The results pertain to the samples received and tested.
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Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***



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01.08.2020, 2020-21





Report No: SCEPL/MT/01/Oct/18/2020-21

Date: 24-10-2020

TEST REPORT

*Client Name& Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Oct/18/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 18-10-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M30

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Oct/18/01-01	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.110	475.3	21.12	21.20
	Oct/18/01-02	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.210	477.0	21.20	
	Oct/18/01-03	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.310	478.7	21.28	
2	Oct/18/01-04	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.410	480.4	21.35	21.43
	Oct/18/01-05	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.350	482.1	21.43	
	Oct/18/01-06	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.290	483.8	21.50	
3	Oct/18/01-07	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.390	485.5	21.58	21.65
	Oct/18/01-08	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.330	487.2	21.65	
	Oct/18/01-09	17-10-2020	24-10-2020	150.0	150.0	150.0	22500	8.270	488.9	21.73	

Remarks:-

The results pertain to the samples received and tested.

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Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd



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20.10.2020
 20.10.2020
 20.10.2020

Report No: SCEPL/MT//01/Oct/18/2020-21

Date: 14-11-2020

TEST REPORT

*Client Name& Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID: SCEPL/MT//01/Oct/18/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 18-10-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M30

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectiona l area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compre ssive strength (N/mm2)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Oct/18/01-10	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.250	697.1	30.98	31.06
	Oct/18/01-11	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.350	698.8	31.06	
	Oct/18/01-12	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.450	700.5	31.13	
2	Oct/18/01-13	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.550	702.2	31.21	31.28
	Oct/18/01-14	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.490	703.9	31.28	
	Oct/18/01-15	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.430	705.6	31.36	
3	Oct/18/01-16	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.530	707.3	31.44	31.51
	Oct/18/01-17	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.470	709.0	31.51	
	Oct/18/01-18	17-10-2020	14-11-2020	150.0	150.0	150.0	22500	8.410	710.7	31.59	

Remarks:-

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* Information furnished by the client

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For SHIPRAMA Consulting Engineers Pvt Ltd



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18.10.2020, ಬೆಂಗಳೂರು-24

Report No: SCEPL/MT//01/Oct/24/2020-21

Date: 30-10-2020

TEST REPORT

***Client Name & Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT//01/Oct/24/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 24-10-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

***Grade of concrete** M30

Compressive strength of Concrete cube

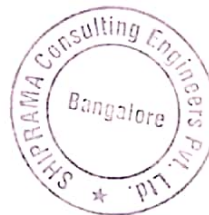
Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Oct/24/01-01	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.110	475.3	21.12	21.20
	Oct/24/01-02	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.210	477.0	21.20	
	Oct/24/01-03	23-10-2020	30-10-2020	150.0	150.0	150.0	22500	8.310	478.7	21.28	

Remarks:-

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For SHIPRAMA Consulting Engineers Pvt Ltd



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20.10.2020
20.10.2020



Report No: SCEPL/MT//01/Oct/24/2020-21

Date: 20-11-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID SCEPL/MT//01/Oct/24/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 24-10-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

***Grade of concrete** M30

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Oct/24/01-04	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.250	697.1	30.98	31.06
	Oct/24/01-05	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.350	698.8	31.06	
	Oct/24/01-06	23-10-2020	20-11-2020	150.0	150.0	150.0	22500	8.450	700.5	31.13	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***

For SHIPRAMA Consulting Engineers Pvt Ltd



Authorized Signatory

Page 1/1

20-11-2020
20-11-2020
20-11-2020



Report No: SCEPL/MT//01/Nov/06/2020-21

Date: 12-11-2020

TEST REPORT

*Client Name& Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID SCEPL/MT//01/Nov/06/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 06-11-2020

Sample Type/Size/ CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Grade/Age:

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M30

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Nov/06/01-01	05-11-2020	12-11-2020	150.0	150.0	150.0	22500	8.150	486.4	21.62	21.69
	Nov/06/01-02	05-11-2020	12-11-2020	150.0	150.0	150.0	22500	8.250	488.1	21.69	
	Nov/06/01-03	05-11-2020	12-11-2020	150.0	150.0	150.0	22500	8.350	489.8	21.77	
2	Nov/06/01-04	05-11-2020	12-11-2020	150.0	150.0	150.0	22500	8.450	491.5	21.84	21.92
	Nov/06/01-05	05-11-2020	12-11-2020	150.0	150.0	150.0	22500	8.390	493.2	21.92	
	Nov/06/01-06	05-11-2020	12-11-2020	150.0	150.0	150.0	22500	8.330	494.9	22.00	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***

For SHIPRAMA Consulting Engineers Pvt Ltd



[Signature]
Authorized Signatory

Page 2/2

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22.11.2020
22.11.2020
22.11.2020-24



Report No: SCEPL/MT//01/Nov/06/2020-21

Date: 03-12-2020

TEST REPORT

*Client Name & Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID: SCEPL/MT//01/Nov/06/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 06-11-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M30

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Nov/06/01-07	05-11-2020	03-12-2020	150.0	150.0	150.0	22500	8.250	697.1	30.98	31.06
	Nov/06/01-08	05-11-2020	03-12-2020	150.0	150.0	150.0	22500	8.350	698.8	31.06	
	Nov/06/01-09	05-11-2020	03-12-2020	150.0	150.0	150.0	22500	8.450	700.5	31.13	
2	Nov/06/01-10	05-11-2020	03-12-2020	150.0	150.0	150.0	22500	8.550	702.2	31.21	31.28
	Nov/06/01-11	05-11-2020	03-12-2020	150.0	150.0	150.0	22500	8.490	703.9	31.28	
	Nov/06/01-12	05-11-2020	03-12-2020	150.0	150.0	150.0	22500	8.430	705.6	31.36	

Remarks:-

The results pertain to the samples received and tested.
Any correction in the report will make this report invalid
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***

For SHIPRAMA Consulting Engineers Pvt Ltd



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205576
 SHIPRAMA CONSULTING ENGINEERS PVT. LTD.
 BANGALORE
 080-29554444

Report No: SCEPL/MT/01/Aug/13/2020-21

Date: 19-08-2020

TEST REPORT

***Client Name & Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID SCEPL/MT/01/Aug/13/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 13-08-2020

Sample Type/Size/ CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Grade/Age:

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
codes:

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/13/01-01	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.170	350.9	15.60	15.67
	Aug/13/01-02	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.270	352.6	15.67	
	Aug/13/01-03	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.370	354.3	15.75	
2	Aug/13/01-04	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.470	356.0	15.82	15.90
	Aug/13/01-05	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.410	357.7	15.90	
	Aug/13/01-06	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.350	359.4	15.97	
3	Aug/13/01-07	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.290	361.1	16.05	16.12
	Aug/13/01-08	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.230	362.8	16.12	
	Aug/13/01-09	12-08-2020	19-08-2020	150.0	150.0	150.0	22500	8.170	364.5	16.20	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

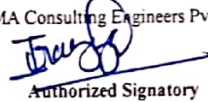
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Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

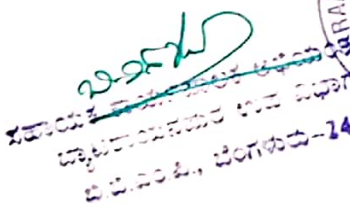
*** End of the report***

For SHIPRAMA Consulting Engineers Pvt Ltd


Authorized Signatory

Page 1/2




20.08.2020

Report No: SCEPL/MT/01/Aug/13/2020-21

Date: 09-09-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Aug/13/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 13-08-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength
Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectiona l area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compre ssive strength (N/mm2)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/13/01-10	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.120	481.5	21.40	21.48
	Aug/13/01-11	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.220	483.2	21.48	
	Aug/13/01-12	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.320	484.9	21.55	
2	Aug/13/01-13	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.420	486.6	21.63	21.70
	Aug/13/01-14	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.360	488.3	21.70	
	Aug/13/01-15	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.300	490.0	21.78	
3	Aug/13/01-16	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.240	488.0	21.69	21.60
	Aug/13/01-17	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.180	486.0	21.60	
	Aug/13/01-18	12-08-2020	09-09-2020	150.0	150.0	150.0	22500	8.120	484.0	21.51	

Remarks:-

The results pertain to the samples received and tested.
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

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Handwritten signature and stamp
2020/09/09
2020/09/09
2020/09/09

Report No: SCEPL/MT/02/Aug/17/2020-21

Date: 23-08-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/02/Aug/17/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 17-08-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
codes:

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/17/01-01	16-08-2020	23-08-2020	150.0	150.0	150.0	22500	8.170	342.9	15.24	15.32
	Aug/17/01-02	16-08-2020	23-08-2020	150.0	150.0	150.0	22500	8.270	344.6	15.32	
	Aug/17/01-03	16-08-2020	23-08-2020	150.0	150.0	150.0	22500	8.370	346.3	15.39	
2	Aug/17/01-04	16-08-2020	23-08-2020	150.0	150.0	150.0	22500	8.470	348.0	15.47	15.54
	Aug/17/01-05	16-08-2020	23-08-2020	150.0	150.0	150.0	22500	8.410	349.7	15.54	
	Aug/17/01-06	16-08-2020	23-08-2020	150.0	150.0	150.0	22500	8.350	351.4	15.62	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***

For SHIPRAMA Consulting Engineers Pvt Ltd

[Signature]
Authorized Signatory



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20.08.20
20.08.2020-21



Report No: SCEPL/MT/01/Aug/17/2020-21

Date: 13-09-2020

TEST REPORT

*Client Name& Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Aug/17/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 17-08-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
codes:

*Grade of concrete M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/17/01-07	16-08-2020	13-09-2020	150.0	150.0	150.0	22500	8.120	481.5	21.40	21.48
	Aug/17/01-08	16-08-2020	13-09-2020	150.0	150.0	150.0	22500	8.220	483.2	21.48	
	Aug/17/01-09	16-08-2020	13-09-2020	150.0	150.0	150.0	22500	8.320	484.9	21.55	
2	Aug/17/01-10	16-08-2020	13-09-2020	150.0	150.0	150.0	22500	8.420	486.6	21.63	21.70
	Aug/17/01-11	16-08-2020	13-09-2020	150.0	150.0	150.0	22500	8.360	488.3	21.70	
	Aug/17/01-12	16-08-2020	13-09-2020	150.0	150.0	150.0	22500	8.300	490.0	21.78	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

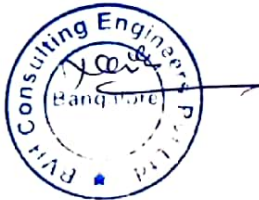
*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

Page 2/2



20.08.20
ಪರೀಕ್ಷಾ ನಮೂನೆಗಳ ಪರಿಶೀಲನೆ
ಮಾಡಿದುದು ಮತ್ತು ವರದಿ
ಮಾಡಿದ ದಿನ: 13/09/2020



Report No: SCEPL/MT/01/Aug/21/2020-21

Date: 28-08-2020

TEST REPORT

*Client Name& Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID SCEPL/MT/01/Aug/21/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 22-08-2020

Sample Type/Size/ CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Grade/Age:

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/21/01-01	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.140	349.2	15.52	15.60
	Aug/21/01-02	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.240	350.9	15.60	
	Aug/21/01-03	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.340	352.6	15.67	
2	Aug/21/01-04	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.440	354.3	15.75	15.82
	Aug/21/01-05	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.380	356.0	15.82	
	Aug/21/01-06	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.320	357.7	15.90	
3	Aug/21/01-07	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.260	356.0	15.82	15.75
	Aug/21/01-08	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.200	354.3	15.75	
	Aug/21/01-09	21-08-2020	28-08-2020	150.0	150.0	150.0	22500	8.140	352.6	15.67	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory

Page 1/2

20.08.2020
ಸಹಾಯಕ ಅಧೀಕ್ಷಕರ ಕಛೇರಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಇ.ಐ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24



Report No: SCEPL/MT/01/Aug/21/2020-21

Date: 18-09-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID SCEPL/MT/01/Aug/21/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 22-08-2020

Sample Type/Size/ CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Grade/Age:

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/21/01-10	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.210	484.6	21.54	21.61
	Aug/21/01-11	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.310	486.3	21.61	
	Aug/21/01-12	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.410	488.0	21.69	
2	Aug/21/01-13	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.510	489.7	21.76	21.84
	Aug/21/01-14	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.450	491.4	21.84	
	Aug/21/01-15	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.390	493.1	21.92	
3	Aug/21/01-16	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.330	491.1	21.83	21.74
	Aug/21/01-17	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.270	489.1	21.74	
	Aug/21/01-18	21-08-2020	18-09-2020	150.0	150.0	150.0	22500	8.210	487.1	21.65	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory



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20.25.25
20.25.25
20.25.25
20.25.25



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(Mechanical Testing Laboratory Division)

ISO 9001:2015

Report No: SCEPL/MT/01/Aug/24/2020-21

Date: 30-08-2020

TEST REPORT

*Client Name& Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID: SCEPL/MT/01/Aug/24/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 24-08-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
codes:
*Grade of concrete: M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/24/01-01	23-08-2020	30-08-2020	150.0	150.0	150.0	22500	8.140	348.5	15.49	15.56
	Aug/24/01-02	23-08-2020	30-08-2020	150.0	150.0	150.0	22500	8.240	350.2	15.56	
	Aug/24/01-03	23-08-2020	30-08-2020	150.0	150.0	150.0	22500	8.340	351.9	15.64	
2	Aug/24/01-04	23-08-2020	30-08-2020	150.0	150.0	150.0	22500	8.440	353.6	15.72	15.79
	Aug/24/01-05	23-08-2020	30-08-2020	150.0	150.0	150.0	22500	8.380	355.3	15.79	
	Aug/24/01-06	23-08-2020	30-08-2020	150.0	150.0	150.0	22500	8.320	357.0	15.87	

Remarks:-

The results pertain to the samples received and tested.
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd

Authorized Signatory



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Report No: SCEPL/MT/01/Aug/24/2020-21

Date: 20-09-2020

TEST REPORT

*Client Name & Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID: SCEPL/MT/01/Aug/24/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 24-08-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectiona l area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compre ssive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/24/01-07	23-08-2020	20-09-2020	150.0	150.0	150.0	22500	8.200	480.6	21.36	21.44
	Aug/24/01-08	23-08-2020	20-09-2020	150.0	150.0	150.0	22500	8.300	482.3	21.44	
	Aug/24/01-09	23-08-2020	20-09-2020	150.0	150.0	150.0	22500	8.400	484.0	21.51	
2	Aug/24/01-10	23-08-2020	20-09-2020	150.0	150.0	150.0	22500	8.500	485.7	21.59	21.66
	Aug/24/01-11	23-08-2020	20-09-2020	150.0	150.0	150.0	22500	8.440	487.4	21.66	
	Aug/24/01-12	23-08-2020	20-09-2020	150.0	150.0	150.0	22500	8.380	489.1	21.74	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd

[Signature]
Authorized Signatory

Page 2/2

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ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಕಾರ್ಯದರ್ಶಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(Mechanical Testing Laboratory Division)

ISO 9001:2015

Report No: SCEPL/MT/01/Aug/28/2020-21

Date: 03-09-2020

TEST REPORT

*Client Name & Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID: SCEPL/MT/01/Aug/28/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 28-08-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/28/01-01	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.200	354.5	15.76	15.83
	Aug/28/01-02	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.300	356.2	15.83	
	Aug/28/01-03	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.400	357.9	15.91	
2	Aug/28/01-04	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.500	359.6	15.98	16.01
	Aug/28/01-05	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.440	361.3	16.06	
	Aug/28/01-06	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.380	359.6	15.98	
3	Aug/28/01-07	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.320	357.9	15.91	15.83
	Aug/28/01-08	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.260	356.2	15.83	
	Aug/28/01-09	27-08-2020	03-09-2020	150.0	150.0	150.0	22500	8.200	354.5	15.76	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

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Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd

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SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(Mechanical Testing Laboratory Division)

ISO 9001:2015

Report No: SCEPL/MT/01/Aug/28/2020-21

Date: 24-09-2020

TEST REPORT

*Client Name & Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID: SCEPL/MT/01/Aug/28/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 28-08-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Aug/28/01-10	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.180	489.1	21.74	21.81
	Aug/28/01-11	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.280	490.8	21.81	
	Aug/28/01-12	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.380	492.5	21.89	
2	Aug/28/01-13	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.480	494.2	21.96	22.04
	Aug/28/01-14	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.420	495.9	22.04	
	Aug/28/01-15	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.360	497.6	22.12	
3	Aug/28/01-16	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.300	495.6	22.03	21.94
	Aug/28/01-17	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.240	493.6	21.94	
	Aug/28/01-18	27-08-2020	24-09-2020	150.0	150.0	150.0	22500	8.180	491.6	21.85	

Remarks:-

The results pertain to the samples received and tested.
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***



2020/09/24
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For SHIPRAMA Consulting Engineers Pvt Ltd

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Authorized Signatory

Page 1/2

Report No: SCEPL/MT/01/Sep/02/2020-21

Date: 08-09-2020

TEST REPORT

*Client Name & Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID: SCEPL/MT/01/Sep/02/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 02-09-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength

Reference to BIS: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete: M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Sep/02/01-01	01-09-2020	08-09-2020	150.0	150.0	150.0	22500	8.200	350.0	15.56	15.63
	Sep/02/01-02	01-09-2020	08-09-2020	150.0	150.0	150.0	22500	8.300	351.7	15.63	
	Sep/02/01-03	01-09-2020	08-09-2020	150.0	150.0	150.0	22500	8.400	353.4	15.71	
2	Sep/02/01-04	01-09-2020	08-09-2020	150.0	150.0	150.0	22500	8.500	355.1	15.78	15.86
	Sep/02/01-05	01-09-2020	08-09-2020	150.0	150.0	150.0	22500	8.440	356.8	15.86	
	Sep/02/01-06	01-09-2020	08-09-2020	150.0	150.0	150.0	22500	8.380	358.5	15.93	

Remarks:-

The results pertain to the samples received and tested.
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* Information furnished by the client

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For SHIPRAMA Consulting Engineers Pvt Ltd

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ಬೆಂಗಳೂರು-24

Report No: SCEPL/MT/01/Sep/02/2020-21

Date: 29-09-2020

TEST REPORT

***Client Name& Address:** Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

***Name of Work:** Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

***Letter Reference:** NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID SCEPL/MT/01/Sep/02/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 02-09-2020

Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS codes: IS: 516 - 1959 Methods of Tests for Strength of Concrete CI.5

***Grade of concrete** M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Sep/02/01-07	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.180	458.2	20.36	20.44
	Sep/02/01-08	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.280	459.9	20.44	
	Sep/02/01-09	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.380	461.6	20.52	
2	Sep/02/01-10	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.480	463.3	20.59	20.67
	Sep/02/01-11	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.420	465.0	20.67	
	Sep/02/01-12	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.360	466.7	20.74	

Remarks:-

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* Information furnished by the client

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For SHIPRAMA Consulting Engineers Pvt Ltd

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20.05/20
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ಪ್ರಾಧಿಕಾರಿತವಾಗಿ ಸಹಿ-24



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(Mechanical Testing Laboratory Division)

ISO 9001:2015

Report No: SCEPL/MT/01/Sep/02/2020-21

Date: 29-09-2020

TEST REPORT

*Client Name & Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21

SCEPL ID: SCEPL/MT/01/Sep/02/2020-21

Source of Sample: Samples supplied by the Customer

Date of Receipt: 02-09-2020

Sample Type/Size/Grade/Age: CC Cubes/150mmx150mmx150mm/28 days Compressive Strength

Reference to BIS IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 codes:

*Grade of concrete M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Sep/02/01-07	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.180	458.2	20.36	20.44
	Sep/02/01-08	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.280	459.9	20.44	
	Sep/02/01-09	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.380	461.6	20.52	
2	Sep/02/01-10	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.480	463.3	20.59	20.67
	Sep/02/01-11	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.420	465.0	20.67	
	Sep/02/01-12	01-09-2020	29-09-2020	150.0	150.0	150.0	22500	8.360	466.7	20.74	

Remarks:-

The results pertain to the samples received and tested.

Any correction in the report will make this report invalid

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Samples will be disposed after 90 days from the date of issue of test certificate

* Information furnished by the client

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For SHIPRAMA Consulting Engineers Pvt Ltd

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20.05/20
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ಇದರಲ್ಲಿ ಒಂದು ಕೆಲಸವು
ಒಟ್ಟು 24 ಗಂಟೆಗಳಿಗಾಗಿ

Report No: SCEPL/MT/01/Sep/07/2020-21

Date: 13-09-2020

TEST REPORT

*Client Name& Address: Office of The Asst Executive Engineer
Byatarayanapura Division, Yalahanka Zone,
Bruhat Bangalore Mahanagara Palike

*Name of Work: Improvements to Raods and Drains at Kogilu layout in ward no-05 (Jakkur) Byatarayanapura sub Division

*Letter Reference: NO: BBMP/EE/BTP/WO/57/2020-21
SCEPL ID: SCEPL/MT/01/Sep/07/2020-21
Source of Sample: Samples supplied by the Customer
Date of Receipt: 07-09-2020
Sample Type/Size/ Grade/Age: CC Cubes/150mmx150mmx150mm/7 days Compressive Strength
Reference to BIS: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
codes:
*Grade of concrete: M20

Compressive strength of Concrete cube

Sl. No.	Identification mark	Date of Casting	Date of Testing	Dimension of the Specimen mm			Cross sectional area (Sq.mm)	Weight (kg)	Failure Load (kN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
				L	B	H					
1	Sep/07/01-01	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.160	359.5	15.98	16.05
	Sep/07/01-02	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.260	361.2	16.05	
	Sep/07/01-03	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.360	362.9	16.13	
2	Sep/07/01-04	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.460	364.6	16.20	16.23
	Sep/07/01-05	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.400	366.3	16.28	
	Sep/07/01-06	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.340	364.6	16.20	
3	Sep/07/01-07	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.280	362.9	16.13	16.05
	Sep/07/01-08	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.220	361.2	16.05	
	Sep/07/01-09	06-09-2020	13-09-2020	150.0	150.0	150.0	22500	8.160	359.5	15.98	

Remarks:-

The results pertain to the samples received and tested.
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Samples will be disposed after 90 days from the date of issue of test certificate
* Information furnished by the client

*** End of the report***



For SHIPRAMA Consulting Engineers Pvt Ltd

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Page 1/1

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ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24